



Davis Health Department Site Improvements				
Engineer's Estimate of Probable Construction Costs				
MOBILIZATION	QTY	UNIT	UNIT COST	TOTAL
MOBILIZATION		1 LS	\$ 25,000.00	\$ 25,000.00
SUBTOTAL				\$ 25,000.00
ENGINEERING / DESIGN / STAKING	QTY	UNIT	UNIT COST	TOTAL
CIVIL DESIGN CONCEPT AND FINAL	1 LS		\$ 25,000.00	\$ 25,000.00
LANDSCAPE DESIGN	1 LS		\$ 8,000.00	\$ 8,000.00
SHED ENGINEERING	1 LS		\$ 2,500.00	\$ 2,500.00
CONSTRUCTION STAKING	15 TRIPS		\$ 1,400.00	\$ 21,000.00
ENGINEERING FOR PARKING COVER	1 LS		\$ 7,500.00	\$ 7,500.00
ELECTRICAL ENGINEERING	1 LS		\$ 10,500.00	\$ 10,500.00
GEOTECHNICAL ENGINEERING	1 LS		\$ 7,500.00	\$ 7,500.00
CITY COORDINATION	80 HOURS		\$ 150.00	\$ 12,000.00
PLATTING IF REQUIRED	1 LS		\$ 8,000.00	\$ 8,000.00
SUBTOTAL				\$ 102,000.00
SITE DEMOLITION / GROUND PREP	QTY	UNIT	UNIT COST	TOTAL
REMOVE EXISTING TREES	1 LS		\$ 9,650.00	\$ 9,650.00
CLEAR AND GRUB	1 LS		\$ 8,750.00	\$ 8,750.00
DEMO EXISTING CURB	273 LF		\$ 10.00	\$ 2,730.00
SAWCUT EXISTING ASPHALT	420 LF		\$ 3.50	\$ 1,470.00
DEMO EXISTING DRIVE APPROACH	1 LS		\$ 2,000.00	\$ 2,000.00
REMOVE SOD	1 LS		\$ 20,000.00	\$ 20,000.00
EXCAVATE DETENTION PONDS	3000 CY		\$ 6.50	\$ 19,500.00
IMPORT PIT RUN FOR PAVING	1650 TON		\$ 20.00	\$ 33,000.00
TRENCH IMPORT FOR PIPES	2400 TON		\$ 20.00	\$ 48,000.00
GRAVEL FOR STORM-TECH	2450 TON		\$ 30.00	\$ 73,500.00
SUBTOTAL				\$ 218,600.00
CONCRETE	QTY	UNIT	UNIT COST	TOTAL
CURB AND GUTTER	1022 LF		\$ 25.50	\$ 26,061.00
4" SIDEWALK	1000 SF		\$ 6.00	\$ 6,000.00
ADA RAMP	1 EA		\$ 1,450.00	\$ 1,450.00
6" ROADBASE FOR CURB	1022 LF		\$ 5.00	\$ 5,110.00
4" ROADBASE FOR SIDEWALK	1000 SF		\$ 3.70	\$ 3,700.00
SUBTOTAL				\$ 42,321.00
PAVING	QTY	UNIT	UNIT COST	TOTAL
PIT RUN / SITE FILL	4500 TON		\$ 25.00	\$ 112,500.00
10" RECYCLED ROAD BASE	35000 SF		\$ 1.40	\$ 49,000.00
3" ASPHALT	35000 SF		\$ 1.90	\$ 66,500.00
SUBTOTAL				\$ 228,000.00
STORM DRAIN	QTY	UNIT	UNIT COST	TOTAL
12" PVC OR HDPE	500 LF		\$ 60.00	\$ 30,000.00
15" RCP	130 SF		\$ 80.00	\$ 10,400.00
STORMTECH SC-780 CHAMBER	240 EA		\$ 1,700.00	\$ 408,000.00
ASPHALT PATCH	520 SF		\$ 3.30	\$ 1,716.00
CATCH BASIN	4 EA		\$ 4,093.00	\$ 16,372.00
MODIFY INLET / OUTLET BOX	1 EA		\$ 5,950.00	\$ 5,950.00
TIE INTO STREET BOX	1 EA		\$ 2,500.00	\$ 2,500.00
STORM DRAIN MAN HOLE	1 EA		\$ 7,950.00	\$ 7,950.00
NEW INLET / OUTLET STRUCTURE	2 EA		\$ 9,500.00	\$ 19,000.00
TRAFFIC CONTROL	1 LS		\$ 2,500.00	\$ 2,500.00
SUBTOTAL				\$ 504,388.00
STRUCTURES	QTY	UNIT	UNIT COST	TOTAL
16X12 SHED	192 SF		\$ 160.00	\$ 30,720.00
PARKING COVER	4500 SF		\$ 95.00	\$ 427,500.00
SUBTOTAL				\$ 458,220.00
ELECTRICAL	QTY	UNIT	UNIT COST	TOTAL
ELECTRICAL CONDUIT	1690 LF		\$ 28.00	\$ 47,320.00
METER & TRANSFORMER	1 LS		\$ 86,000.00	\$ 86,000.00
REMOVE THREE MID POWER POLES	3 EA		\$ 100,000.00	\$ 300,000.00
BURY FRONT POWER LINES	310 LF		\$ 120.00	\$ 37,200.00
REPAIR / REPLANT PARK STRIP	1240 SF		\$ 20.00	\$ 24,800.00
LIGHT POLES	6 EA		\$ 4,950.00	\$ 29,700.00
WALL PACKS	4 EA		\$ 1,500.00	\$ 6,000.00
EV CHARGING STATIONS	27 EA		\$ 21,000.00	\$ 567,000.00
ELECTRICAL TO AUTO GATES	2 EA		\$ 8,000.00	\$ 16,000.00
20% CONTINGENCY	1 LS		\$ 200,000.00	\$ 200,000.00
SUBTOTAL				\$ 1,314,020.00
SECONDARY WATER	QTY	UNIT	UNIT COST	TOTAL
TRAFFIC CONTROLL	1 LS		\$ 2,500.00	\$ 2,500.00
Tap main line with corp stop	1 EA		\$ 10,500.00	\$ 10,500.00
2" WATERLINE AND METER	1 EA		\$ 5,500.00	\$ 5,500.00
STOP AND WASTE	1 EA		\$ 2,450.00	\$ 2,450.00
AIR TEST	1 EA		\$ 1,800.00	\$ 1,800.00
SUBTOTAL				\$ 22,750.00
LANDSCAPING & IRR EXISTING	QTY	UNIT	UNIT COST	TOTAL
EXISTING LS REMOVE AND REPLACE WITH DRIP SYSTEM AND NEW DROUGHT TOLERANT LS	51363 SF		10	\$ 513,630.00
LANDSCAPE & IRR ON NEW SITE	8589 SF		8	\$ 68,712.00
SUBTOTAL				\$ 582,342.00

SWPPP INSTALLATION	QTY	UNIT	UNIT COST	TOTAL
CONSTRUCTION ENTRANCE	1 EA		\$ 5,480.00	\$ 5,480.00
SWEEPING WHILE ONSTIE	60 HR		\$ 130.00	\$ 7,800.00
CONCRETE WASHOUT	1 EA		\$ 6,000.00	\$ 6,000.00
SILT FENCE	2200 LF		\$ 4.00	\$ 8,800.00
PORTABLE RESTROOM	8 MONTH		\$ 250.00	\$ 2,000.00
SITE WATER	8 MONTH		\$ 450.00	\$ 3,600.00
SUBTOTAL				\$ 33,680.00
CONSTRUCTION SUBTOTAL				\$ 3,531,321.00
CITY FEE'S	QTY	UNIT	UNIT COST	TOTAL
PLAN REVIEW	1 ESTIMATED		\$ 1,500.00	\$ 1,500.00
PERMIT / INSPECTIONS / IMPACT FEE	1 ESTIMATED		\$ 70,626.42	\$ 70,626.42
SUBTOTAL				\$ 72,126.42
CONTRACTORS FEES	QTY	UNIT	UNIT COST	TOTAL
GENERAL CONDITIONS	8 MONTHS		\$ 25,600.00	\$ 204,800.00
OVER HEAD AND PROFIT	1 LS		\$ 423,758.52	\$ 423,758.52
CONTINGENCY	1 TEN PERCENT		\$ 353,132.10	\$ 353,132.10
SUBTOTAL				\$ 981,690.62
GRAND TOTAL				\$ 4,585,138.04

@ 4% = -\$211,890

New total

\$1,797,056

Facilities Management to Self perform as General Contractor

-Money Saving, but could be time delays with procurement of sub-contracts and coordination with Public Works

-\$218,600 Public Work demo

-\$100,000 Public Works install

-\$200,000 Public Works install

-\$427,500 Future install

-\$300,000 Keep existing power poles

-\$500,000 install conduits only

-\$200,000 contingency built into GMP

-\$22,750 no planting in lot

-\$582,342 done with other funding source





